

### Abstract

The invention relates to a catalyst for the catalytic oxidation of hydrogen chloride, comprising on a support

- 5      a)    from 0.001 to 30% by weight of gold,
- b)    from 0 to 3% by weight of one or more alkaline earth metals,
- c)    from 0 to 3% by weight of one or more alkali metals,
- d)    from 0 to 10% by weight of one or more rare earth metals,
- e)    from 0 to 10% by weight of one or more further metals selected from the group
- 10     consisting of ruthenium, palladium, platinum, osmium, iridium, silver, copper and rhenium,

in each case based on the total weight of the catalyst.